

FIG. 1A

TNFRSF25	1	QGG <u>TR</u> SPRCDACAGDFHKKI <u>GLFCC</u> RRGCPAGHYLKAPCTEPCCGNST <u>CLVC</u>	I
TNFR1	1	YPSGVIGLVPHLG <u>DRE</u> <u>KRDSVC</u> PQGGKYIHPQNNSI <u>CCTCKHGFYL</u> YND <u>CPGGQD</u> TD <u>CCREC</u>	
Fas	1	RLSS.KSVNAQVT <u>D</u> INSGLELRK <u>T</u> VT <u>T</u> VE <u>T</u> QNLGLHHD <u>GQFCHKP</u> <u>CP</u> PPERKAR <u>DC</u> T <u>VNGDE</u> P <u>DCVPC</u>	
TNFRSF25	50	PQDT <u>FLA</u> WENHNHSECARCQA <u>CDEQA</u> SQVALENC <u>SAVAD</u> TRCGCKPGWVEVCQVSQSSSPFYCQPCILD	II
TNFR1	63	ESG <u>FT</u> A <u>SENHL</u> .RHCLSCSKCRKEMGQVEISSCTVDRDT <u>CGCRKNQYRH</u> WSENL..... <u>FQCFN</u> CSL	
Fas	70	QEGKEYTDKA <u>HFSK</u> RCRCRL <u>CDEGH</u> LEVEINCTRTQNT <u>KCRCKPNFF</u> .. <u>CNSTVC</u>EHCD <u>PC</u> TK	III
TNFRSF25	120	CGALHRHTRL <u>CS</u> .RRD <u>TD</u> CG <u>TCLLGF</u> YEHGDGCVSCPTSTIGSCPE.. <u>RCAAVC</u> ..GWRQMFVVQ.....	IV
TNFR1	127	<u>C</u> .. <u>LNGTVHLSCQEK</u> QNT <u>VC</u> . <u>TCHAGF</u> FLRENECVSC.....SNCKKSLE <u>CTKLC</u> LPQIENVKGTEDSGT	
Fas	133	<u>C</u> ...EHGIIKE <u>CT</u> LT <u>SN</u> TK <u>C</u> .KEEGSRSN.....	
TNFRSF25	181	VLLAGLVVPLL <u>GAT</u> LYTY... <u>RHC</u> . <u>W</u> .PHKPLVTADEAGMEALTPPPAT <u>HLSP</u> LD <u>SAHTLLAP</u> PDSS	TM
TNFR1	189	TVLLPLVIFFG <u>LCL</u> LLSLFGLMYRQYRWKSKLYSIVCGKSTPEKEGE <u>LE</u> GTTTKPLAPNPSFSPT <u>P</u> GFT	
Fas	158	... <u>LGWLC</u> LL <u>LLPI</u> LVWV..... <u>KRKEVQKTCRKH</u> RKENQGS <u>HE</u>	
TNFRSF25	245	EKICTVQLVGN <u>SWTP</u> GYPE <u>TQ</u> EAL <u>CPQV</u> TWSWDQLPSRALGPAA.. <u>APTLS</u> PESPAGSPAMMLQP.....	DD
TNFR1	259	PTLGFSPVPSSTFTSSSTY <u>TPGD</u> . <u>CENFA</u> APRRREVAPPYQ <u>GADPIL</u> ATAIASDPINP <u>LQKWED</u> SAHKPQ	
Fas	196	SPTLN <u>PETVA</u> INLSDVDL.....	
TNFRSF25	308	GPQLYD <u>VMDA</u> VPARRWKEFVR <u>TLGL</u> REAEIEAVEVEI <u>GR</u> .FRDQY <u>EM</u> LKRWRQ <u>Q</u> Q <u>PAG</u> LG...	
TNFR1	328	SLD <u>TD</u> DDPATLYA <u>V</u> VENVP <u>PLRWKEFVR</u> RL <u>GLSD</u> HEIDRL <u>ELQNGR</u> CLRE <u>AY</u> SLAT <u>WR</u> RT <u>PR</u> REATLE	
Fas	214	SKYITTIAGVMTLSQVK <u>GFVR</u> KNGVNEAKIDEIKNDNVQDTA <u>EQKVQ</u> LLRN <u>WHQ</u> LHGKKEA.YD	
TNFRSF25	368	AVYAALERM <u>GLDGC</u> VEDLRSRLQRGP..... (SEQ ID NO:2)	
TNFR1	398	LLGRVLRD <u>MDLLGC</u> LEDIEEALCGPAALPPAPSLLR..... (SEQ ID NO:3)	
Fas	277	TLIKDLKKANLCTLAEKIQTIIILKDITSDSSENSFRNEIQSLV (SEQ ID NO:4)	

FIG. 1B

Human TNFRSF25 Sequence 1

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MEQRPARGCAAVAAALLLVLLGARAQGGTSPRCDCAGDFHKKIGLFCCRGCPAGHYLKAPCTEPCGNSTCLVCPQDTFLAW
 ENHHNSECARCOACDEQASQVALENCASAVADTRCGCKPGWFVECOVSQCVSSSPFYCQPCLDGALHPRHTRLLCSRRDTC
 GTCLPGFYEHGDCVSCPTSTLGSCPERCAAVCGWROMF**VWQVLLAGLVVPLLGGATLTYTY**RHCWPHKPLVTADAEAGMEA
 LTPPPATHLSPLDSAHTLLAPPDSSEKICTVQLVGNWSWTPGYPETQEALCPQVTWSWDQLPSRALGPAAAPTLSPEPAGS
 PAMMLQPGPQLYDVMDAVPARRWKEFVRTLGLREAEIEAVEVEIGRFRDQQYEMLKRWRRQQPAGLGAVYAALERMGLDGC
 VEDLRSLRQGRP (SEQ ID NO:1)

Human TNFRSF25 Sequence 2

>gi|23200021|ref|NP_683866.1| tumor necrosis factor receptor superfamily member 25 isoform 1 precursor [Homo sapiens]

MEQRPARGCAAVAAALLLVLLGARAQGGTSPRCDCAGDFHKKIGLFCCRGCPAGHYLKAPCTEPCGNSTCLVCPQDTFLAW
 ENHHNSECARCOACDEQASQVALENCASAVADTRCGCKPGWFVECOVSQCVSSSPFYCQPCLDGALHPRHTRLLCSRRDTC
 GTCLPGFYEHGDCVSCPTSTLGSCPERCAAVCGWROMF**VWQVLLAGLVVPLLGGATLTYTY**RHCWPHKPLV
 TADAEAGMEALTTPPPATHLSPLDSAHTLLAPPDSSEKICTVQLVGNWSWTPGYPETQEALCPQVTWSWDQLPSRALGPAAAPT
 LSPESPAGSPAMMLQPGPQLYDVMDAVPARRWKEFVRTLGLREAEIEAVEVEIGRFRDQQYEMLKRWRRQQPAGLGAVYAA
 LERMGLDGCVEDLRSLRQGRP (SEQ ID NO:7)

Mouse TNFRSF25 Sequence

>uc008vzk.1 (Tnfrsf25) length=387

MEELPRRERSPPGAATPGSTARVLQPLFLPLLLLLLLLLLGGQGGMSGRCDCASESQKRYGPFCCRGCPKGHYMKAPCAE
 PCGNSTCLPCPSDTFLTRDNHFKTDCTRCQVCDDEALQVTLNCSAKSDTHCGCQSGWCVDCTSTEPCKGSSPFCVPCGAT
 TPVHEAPTFLFWQ**VLLGVAFLEFGAILICAYCR**WQPKAVVTADTAGTETLASPQTAHLSASDSAHTLLAPPSSSTGKICTT
 VQLVGNWNTPLGSLQTEVVCQASQPWDQLPNRTLGTPLASPLSPAPPAGSPAVALQPGPQLYDVMDAVPARRWKEFVRTL
 GLREAEIEAVEVEICRFRDQQYEMLKRWRRQQPAGLGAIYAALERMGLEGAEDLRSLRQGRP (SEQ ID NO:8)

Rhesus Macaque TNFRSF25 Sequence

>gi|966914523|ref|XP_014998005.1| tumor necrosis factor receptor superfamily member 25 isoform X1 [Macaca mulatta]

MEQSRGSAAVAAVSTALLLVLLGARAQGGTQSPRCDCAGDFHKKNGVFCCRGCPAGHYLKAPCTEPCGNSTCLLCPQDTFLAW
 ENHHNSECARCOACDEQASQVALENCASAVADTRCGCKPGWFVECOVSQCVSSSPFYCQPCLDGALHPRHTRLLCSRRDTC
 TDCGTCLPGFYEHDDGCVSCPTSTLGSCPERCAAVCGWROMFWQ**VLLAGLVVPLLGGATLTYTY**RHCWPHKPMVTADAEAG
 MEALTTPPPATHLSPSDKAHTLLVPPDSSEKICTVQLVDNSWTPGYPHTQEALCPQMTWSWDQLPNRALGPVPASTLLPESP
 VGSPTMMLQPGPQLYDVMDAVPARRWKEFVRTLGLREAEIEAVEVEIGRFRDQQYEMLKRWRRQQPAGLGAVYAALERMGL
 DGCAEDLRSLRQGRP (SEQ ID NO:9)

Cynomolgus Macaque TNFRSF25 Sequence

>gi|544409321|ref|XP_005544974.1| PREDICTED: tumor necrosis factor receptor superfamily member 25 isoform X2 [Macaca fascicularis]

MEQSRGSAAVAAALLLVLLGARAQGGTQSPRCDCAGDFHKKNGVFCCRGCPAGHYLKAPCTEPCGNSTCLLCPQDTFLAW
 ENHHNSECARCOACDEQASQVALENCASAVADTRCGCKPGWFVECOVSQCVSSSPFYCQPCLDGALHPRHTRLLCSRRDTC
 GTCLPGFYEHDDGCVSCPTSTLGSCPERCAAVCGWROMFWQ**VLLAGLVVPLLGGATLTYTY**RHCWPHKPMVTADAEAGMEA
 LTPPPATHLSPSDNAHTLLVPPDSSEKICTVQLVDNSWTPGYPHTQEALCPQMTWSWDQLPNRALGPVPASTLLPESPVGS
 PTMMLQPGPQLYDVMDAVPARRWKEFVRTLGLREAEIEAVEVEIGRFRDQQYEMLKRWRRQQPAGLGAVYAALERMGLDGC
 AEDLRSLRQGRP (SEQ ID NO:10)

Underlined = Signal Peptide

Highlighted = Extracellular Domain

Bold = Transmembrane Domain

Double Underlined = PTX25 Epitope

FIG. 2

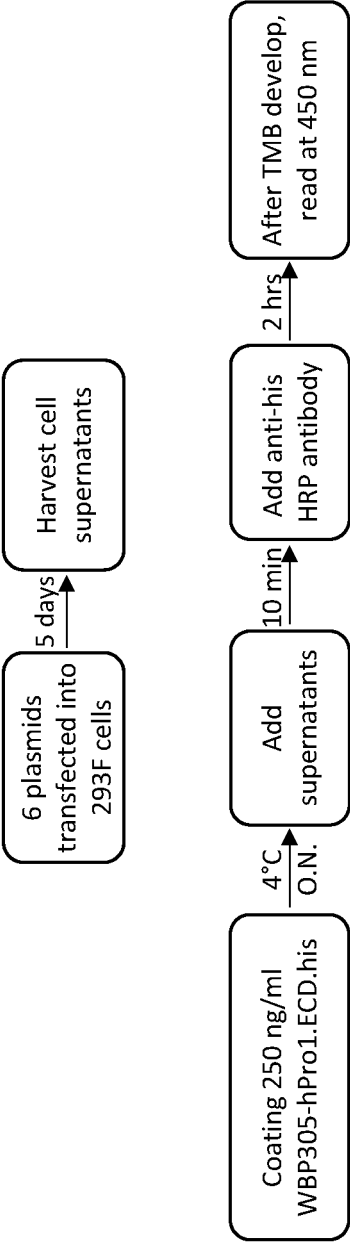


FIG. 3

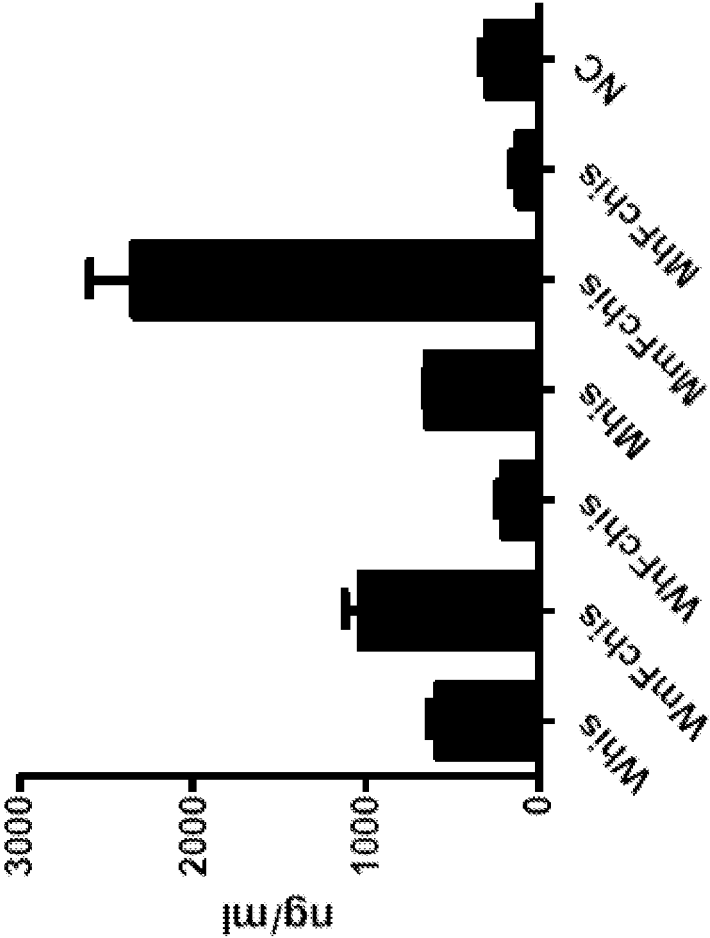


FIG. 4

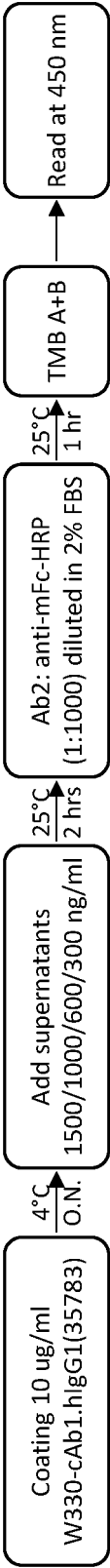


FIG. 5

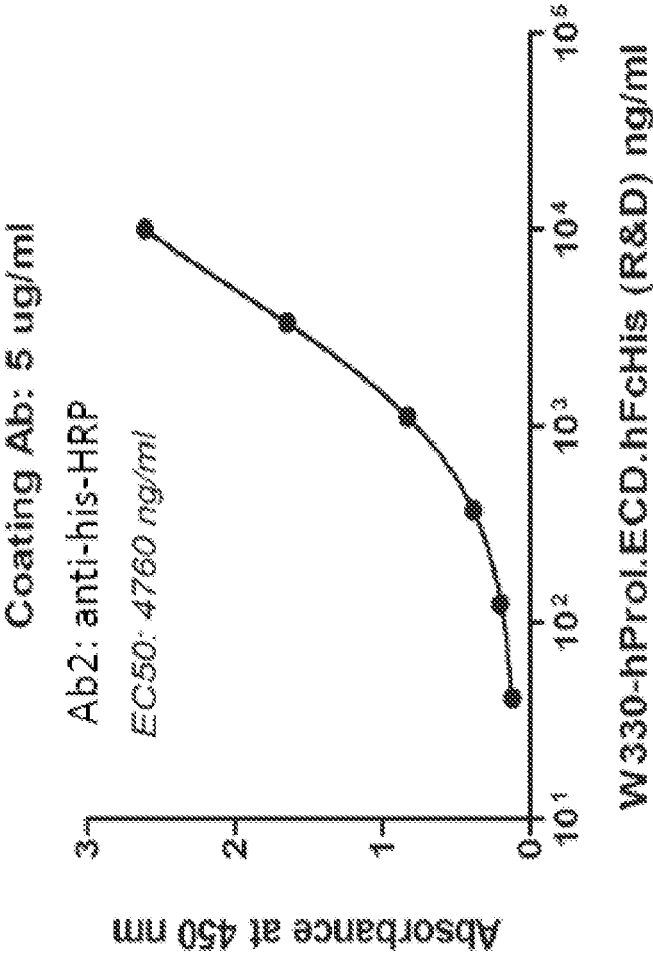


FIG. 6

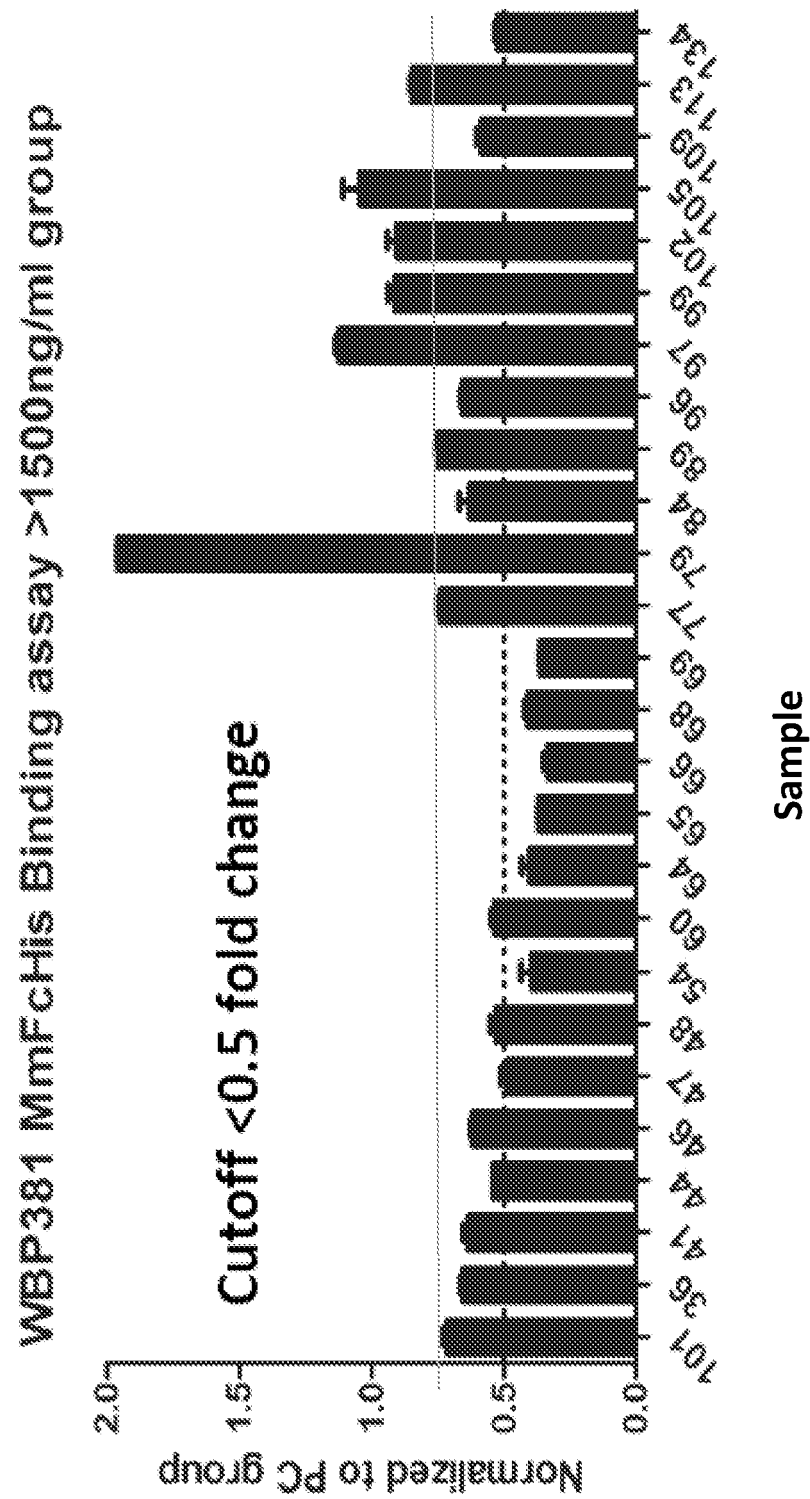


FIG. 7

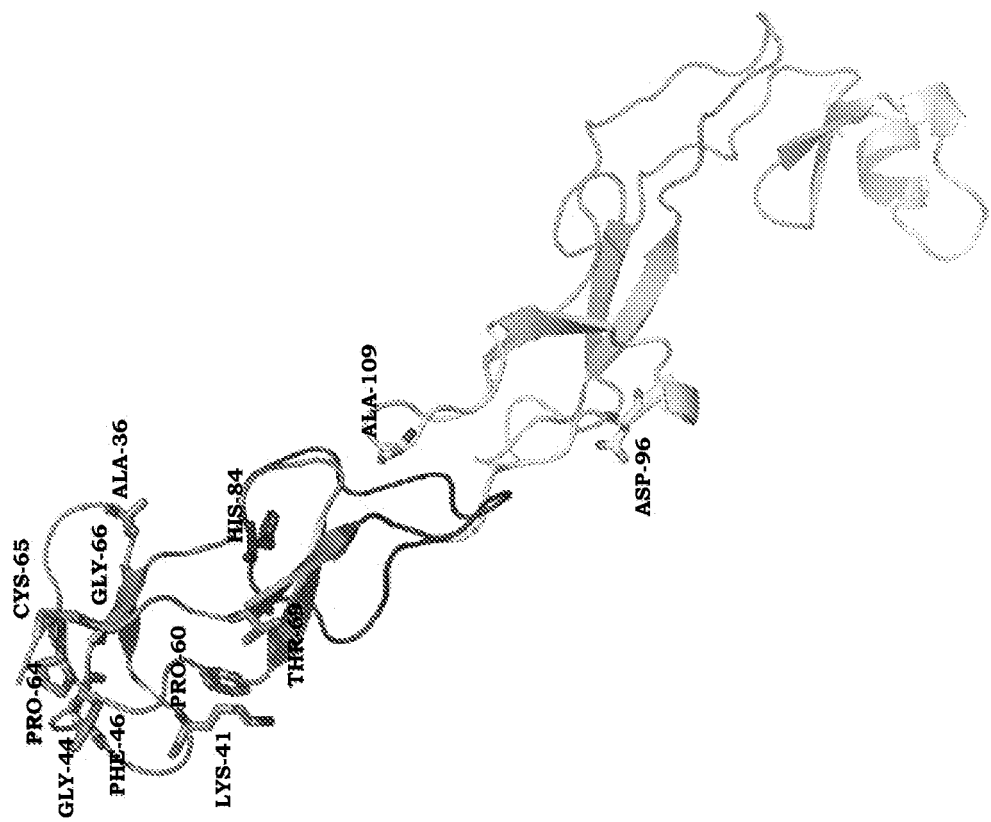


FIG. 8

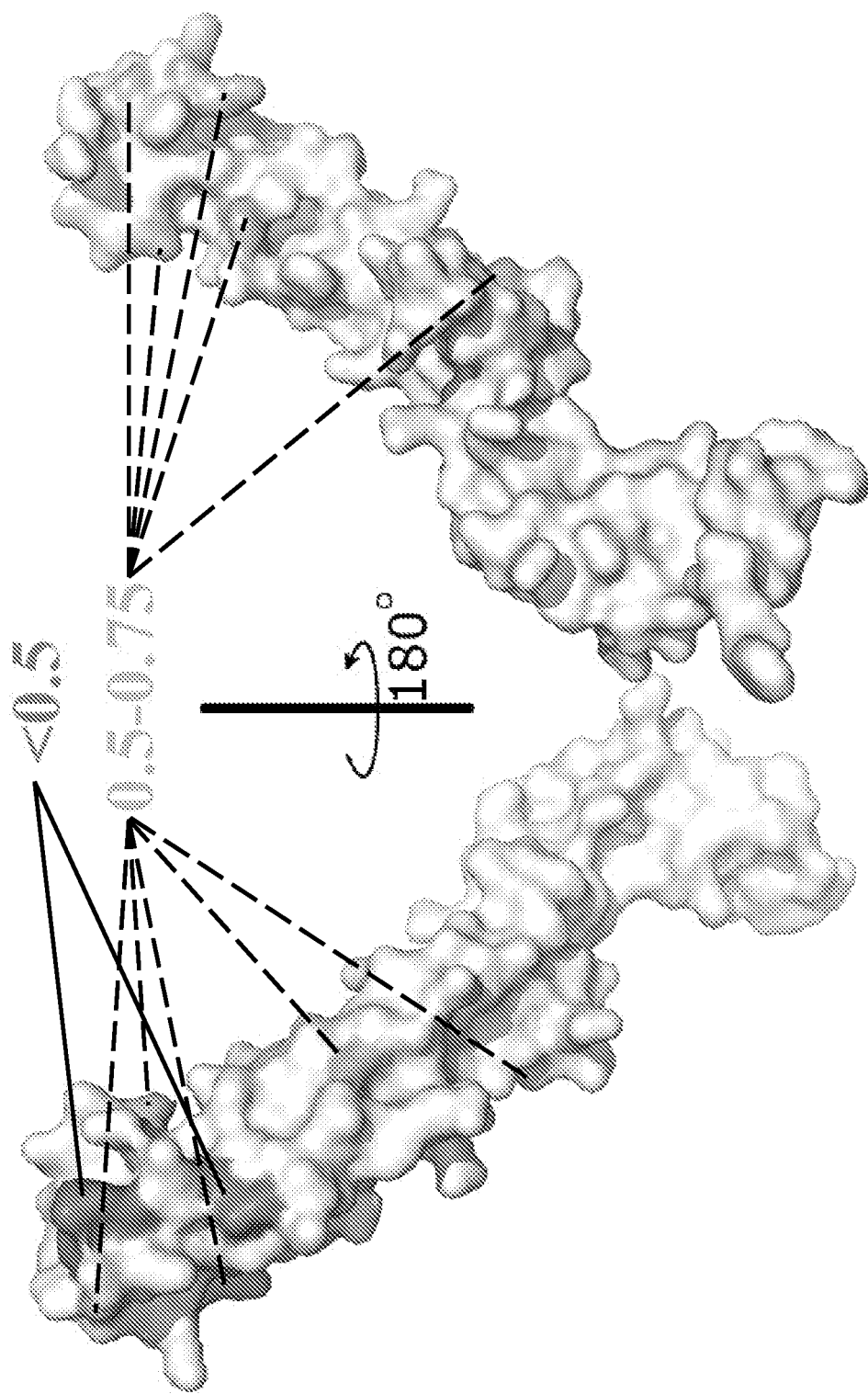


FIG. 9

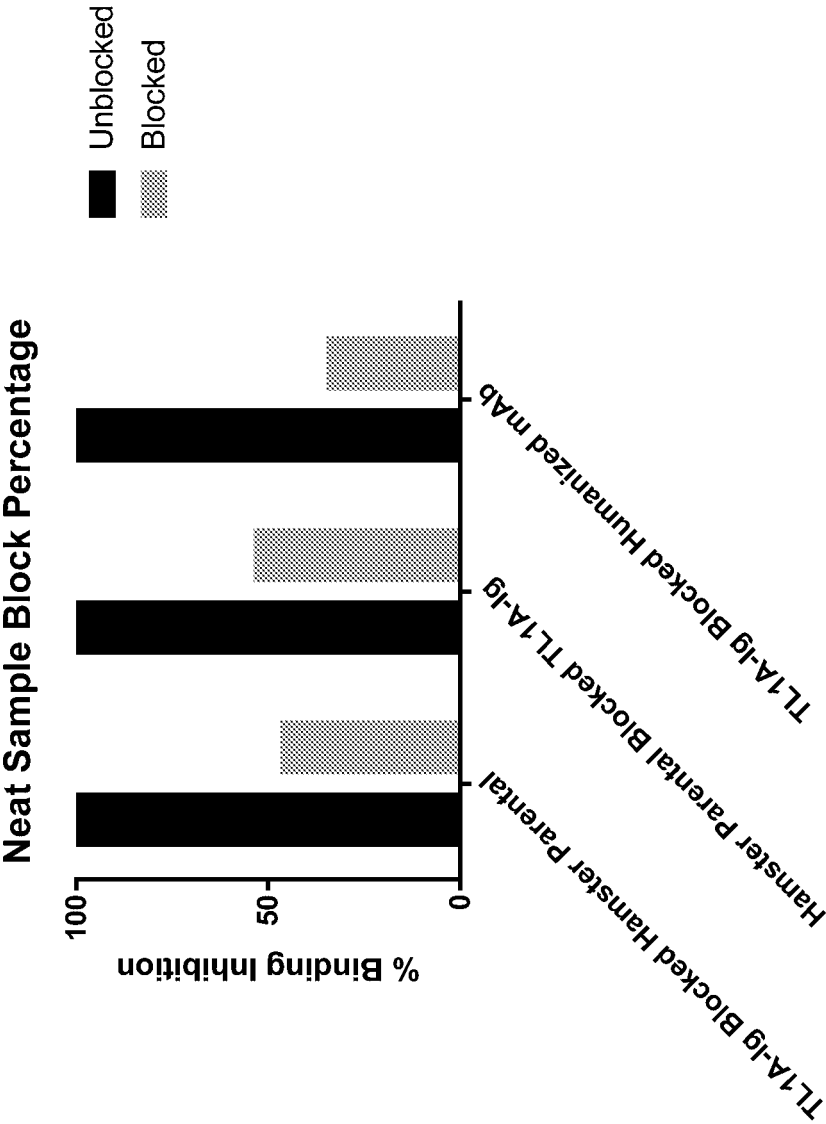


FIG. 11B

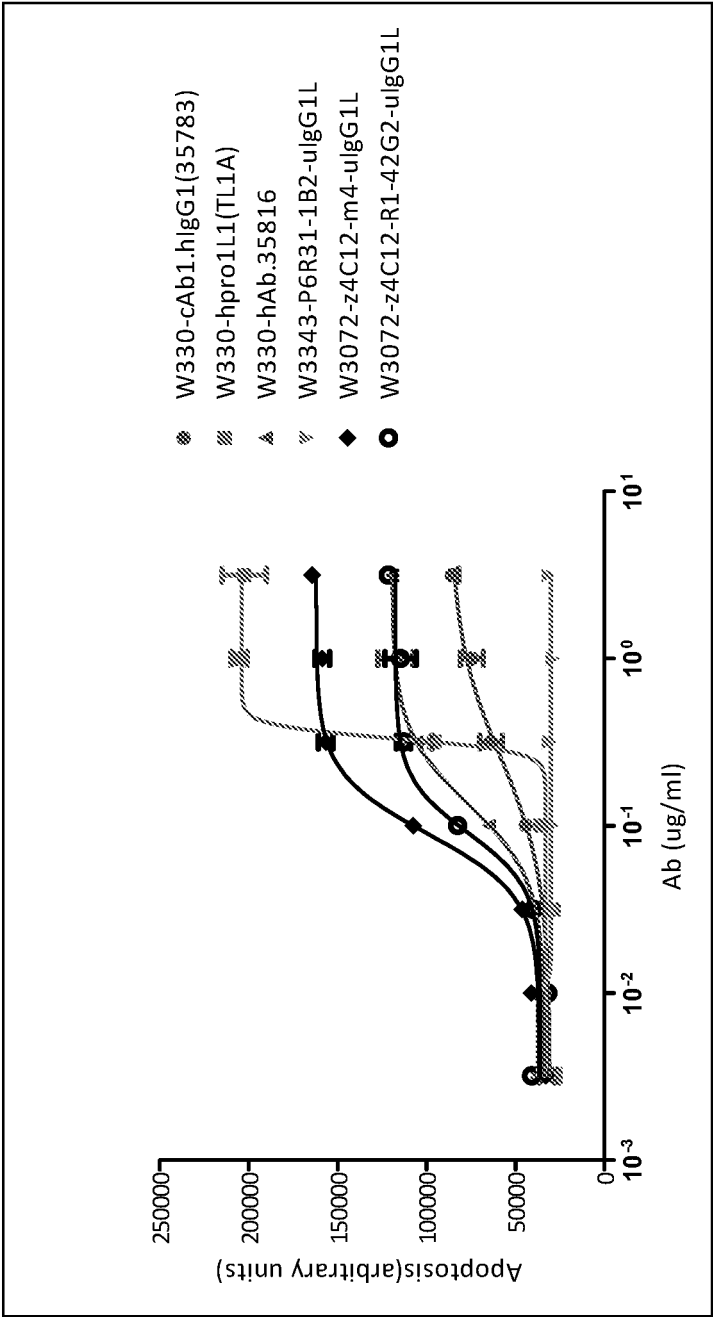


FIG. 12

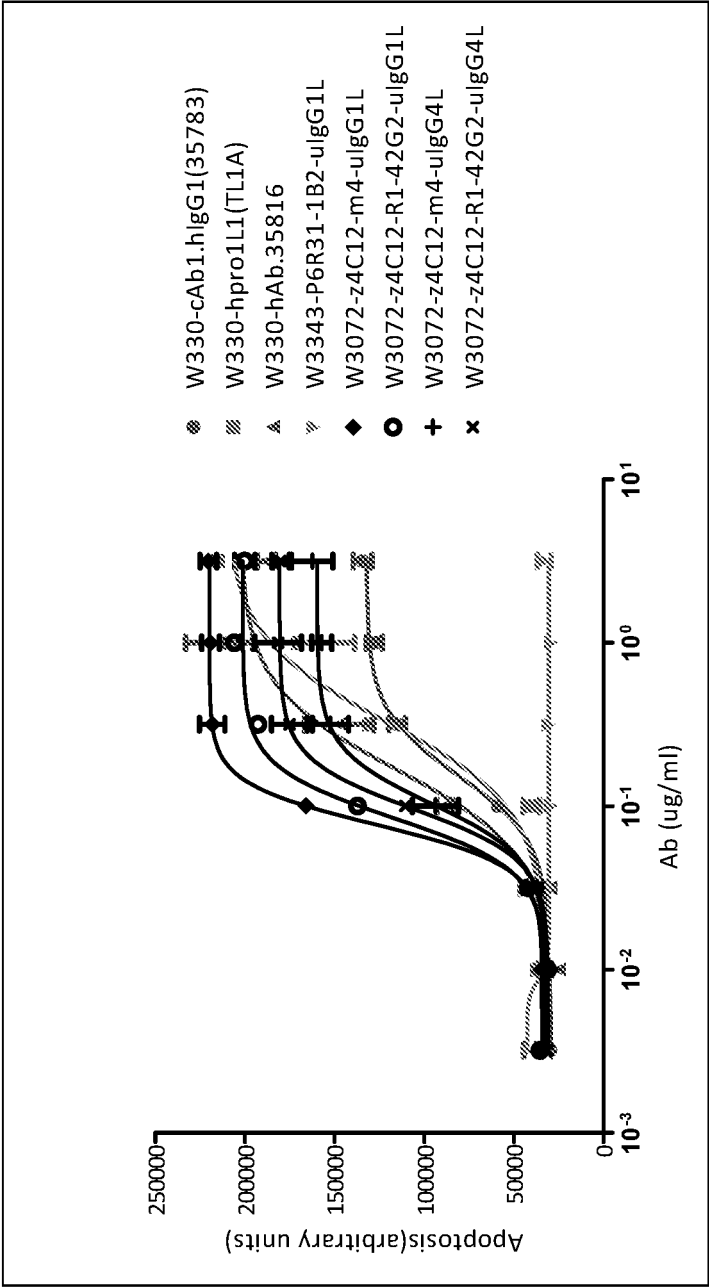


FIG. 13A

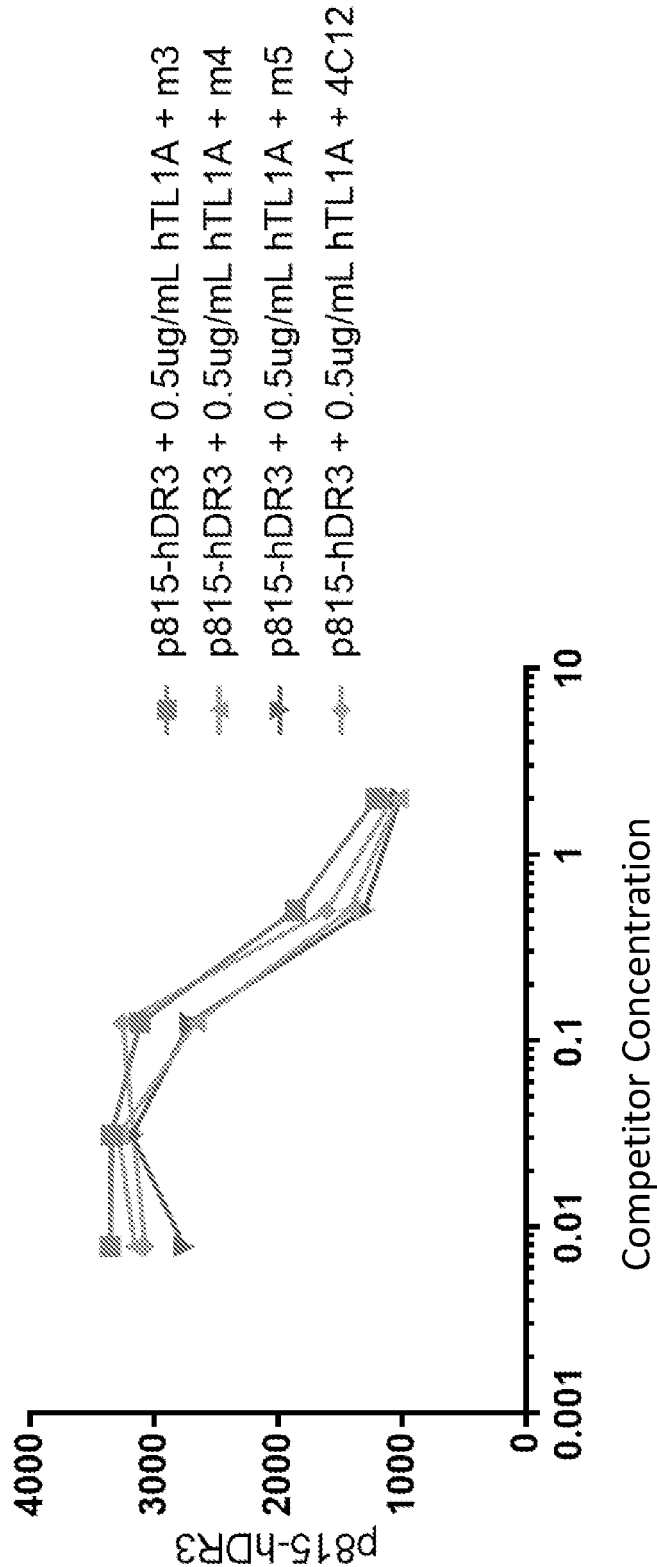


FIG. 13B

